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Streamium

MCi298

EN User manual

PHILIPS

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Philips Consumer Lifestyle

HK-1013-MCi298 2010

(Report No. / Numéro du Rapport) *(Year in which the CE mark is affixed / Année au cours de laquelle le marquage CE a été apposé)*

EC DECLARATION OF CONFORMITY

(DECLARATION DE CONFORMITE CE)

We / Nous, PHILIPS CONSUMER LIFESTYLE B.V.
(Name / Nom de l'entreprise)

TUSSENDIEPEN 4, 9206 AD DRACHTEN, THE NETHERLANDS
(address / adresse)

Declare under our responsibility that the electrical product(s):
(Déclarons sous notre propre responsabilité que le(s) produit(s) électrique(s):)

Philips..... .....MCi298/12, /05.....
(brand name, nom de la marque) *(Type version or model, référence ou modèle)*

Wi-Fi Micro Music System
(product description, description du produit)

To which this declaration relates is in conformity with the following harmonized standards:
(Auquel cette déclaration se rapporte, est conforme aux normes harmonisées suivantes)

(title, number and date of issue of the standard / titre, numéro et date de parution de la norme)

EN62311 : 2008
EN55020 : 2007
EN55022 : 2006 + A1:2007
EN301489-1 V1.8.1. : 2008
EN300328 V1.7.1 :2006
EN62301 : 2005
EN55013 : 2001 + A1:2003 + A2:2006
EN55024 : 1998 + A1:2001 + A2:2003
EN301489-17 V1.3.2. : 2008
EN60065 : 2002 + A1:2006 +A11:2008

Following the provisions of :
(Conformément aux exigences essentielles et autres dispositions pertinentes de:)

1999/5/EC (R&TTE Directive)
2004/108/EC (EMC Directive)
2009/125/EC (ErP Directive) – EC/1275/2008 & EC/278/2009

And are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC Permanent Documents
(Et sont fabriqués conformément à une qualité au moins conforme à la norme ISO 9001 ou aux Documents Permanents CENELEC)

The Notified Body ..... Nemko ..... performed .....CB Scheme.....
(L'Organisme Notifié) *(Name and number/ nom et numéro)* (a effectué) (description of intervention / description de l'intervention)

NO56560

And issued the certificate, ...
(et a délivré le certificat) *(certificate number / numéro du certificat)*

Remarks:
(Remarques:)

Leuven, March 31, 2010
(place,date / lieu, date)

Frank Dethier
Development Manager, Innovation Lab Leven
Frank Dethier
(signature, name and function / signature, nom et fonction)

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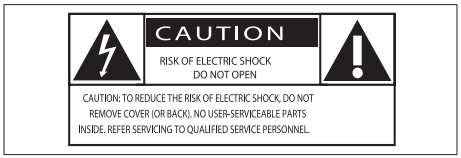
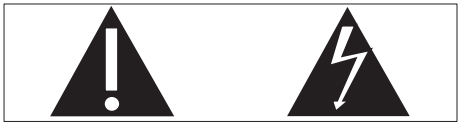
1 Important

Safety

Information for Europe:

Know these safety symbols


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT
REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS
INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The 'exclamation mark' calls attention to features for which you should carefully read the supplied literature to prevent operating and maintenance problems.
The 'lightening bolt' symbol indicates uninsulated components within the product that can cause an electric shock.
To reduce the risk of fire or electric shock, do not expose the product to rain or moisture and do not place any ojects filled with liquids, such as vases, on the product.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this product near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not remove the casing of this product.
9. Only use this product indoors. Do not expose the product to dripping / splashing water, rain or high humidity.
10. Keep this product away from direct sunlight, naked flames or heat.
11. Do not install near any heat sources such as radiators, heat registers, stoves, or other electrical equipment (including amplifiers).
12. Do not place any other electrical equipment on the product.
13. Do not place any sources of danger on the product (e.g. objects containing liquids, burning candles).
14. This product may include batteries. Please refer to safety and disposal instructions for batteries in this user manual.
15. This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. Please refer to disposal instructions in this user manual.

Caution

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Warning

- Never remove the casing of this apparatus.
- Never lubricate any part of this apparatus.
- Never place this apparatus on other electrical equipment.
- Keep this apparatus away from direct sunlight, naked flames or heat.
- Never look into the laser beam inside this apparatus.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect this apparatus from the power.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

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Note

- The type plate information is located at the back or at the underside of the product.

Risk of overheating! Never install this apparatus in a confined space. Always leave a space of at least four inches around this apparatus for ventilation. Ensure curtains or other objects never cover the ventilation slots on this apparatus.

Hearing Safety

Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

To establish a safe volume level:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations. Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

Environmental notices

CE

This product complies with the radio interference requirements of the European Community.

CE 0560 ! R&TTE Directive 1999/5/EC

BG ✓	RO ✓	BE ✓	LT ✓	LI ✓	IS ✓	SE ✓
DK ✓	ES ✓	CZ ✓	NL ✓	AT ✓	LV ✓	SK ✓
FR ✓	UK ✓	FI ✓	PT ✓	CY ✓	MT ✓	PL ✓
HU ✓	NO ✓	GR ✓	SI ✓	EE ✓		
IT ✓	LU ✓	IE ✓	CH ✓	DE ✓		

This product complies with the requirement of the 1999/5/EC directive.

Class II equipment symbol:

This symbol indicates that this product has a double insulation system.

This apparatus includes this label:

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Modifications

Modifications not authorized by the manufacturer may void user's authority to operate this product.

Recycling

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:

Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.

Information about the use of batteries:

Caution

- Risk of leakage: Only use the specified type of batteries. Do not mix new and used batteries. Do not mix different brands of batteries. Observe correct polarity. Remove batteries from products that are not in use for a longer period of time. Store batteries in a dry place.
- Risk of injury: Wear gloves when handling leaking batteries. Keep batteries out of reach of children and pets.
- Risk of explosion: Do not short circuit batteries. Do not expose batteries to excessive heat. Do not throw batteries into the fire. Do not damage or disassemble batteries. Do not recharge non-rechargeable batteries.

Battery disposal information:

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste.
Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health.

Trademark notice

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Respect copyrights

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

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2 Your MCi298

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Introduction

MCi298 can

- Connect to the existing home network, which can consist of computers and UPnP devices;
- Connect the existing home audio systems and portable media players;
- Connect a USB mass storage device.

With such connections, you can

- Play Internet radio stations over the Internet;
- Play music stored on a computer/ UPnP device;
- Play music stored on a USB mass storage device through the speakers on **MCi298**;
- Play music CDs;
- Play music from an audio system/ portable media player through the speakers on **MCi298**.

The CD player on MCi298 supports these disc/file formats:

What's in the box

Check and identify the contents of your package:

- Main unit
- Remote control with batteries
- AC-DC power adapter
- Software suite on a CD-ROM
- Quick Start Guide
- Mounting kit/Mounting instructions

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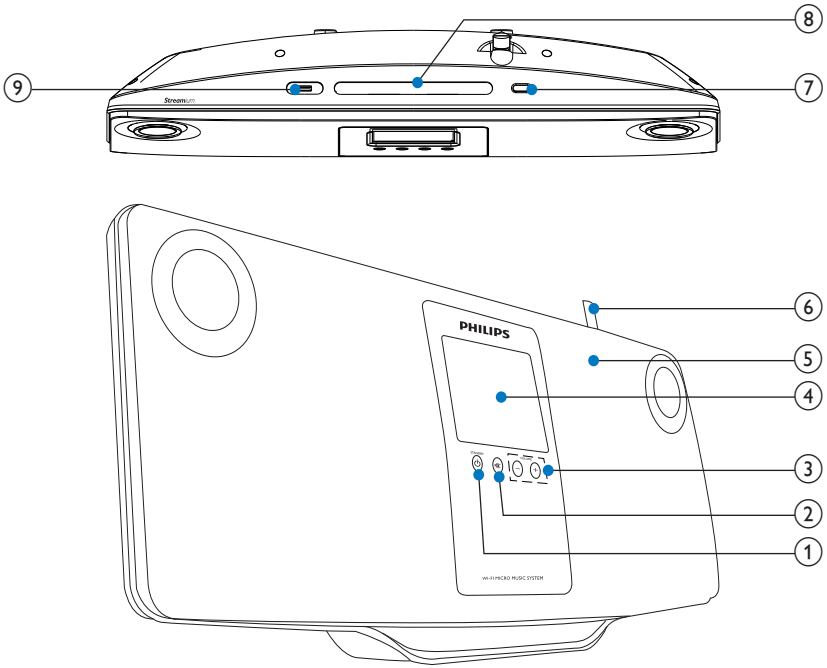
Overview

Top and front view



1.	⏻
	Press to turn on the set;
	To turn off, press to switch to active standby; or, press and hold to switch to Eco standby.
	Exit Demo mode.
2.	🔇
	Mute/ unmute sound.
3.	**−VOLUME+**
	Increase/decrease volume.
4.	LCD display with touch screen
5.	Loudspeakers

6.	Wi-Fi antenna
7.	⏏
	Eject the disc.
8.	Disc slot
9.	⇤
	USB port for the USB mass storage device

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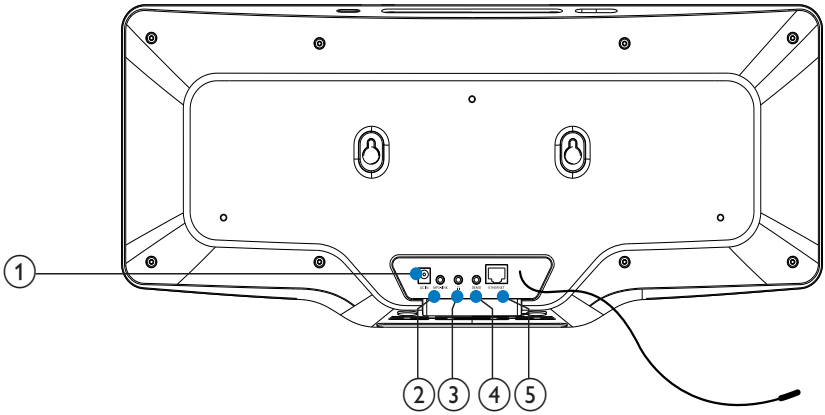
Rear view



1.	**DC IN**
	for power cord
2.	**MP3-LINK**
	3.5mm audio input jack for a portable media player to play through the speakers on MCi298
3.	🎧
	3.5 mm headphone jack
4.	**DEMO**
	for the use by dealers only
5.	**ETHERNET**
	for the Ethernet cable that connects MCi298 with home network, if you want a wired connection to the home network
6.	**FM ANTENNA**
	for the supplied FM antenna

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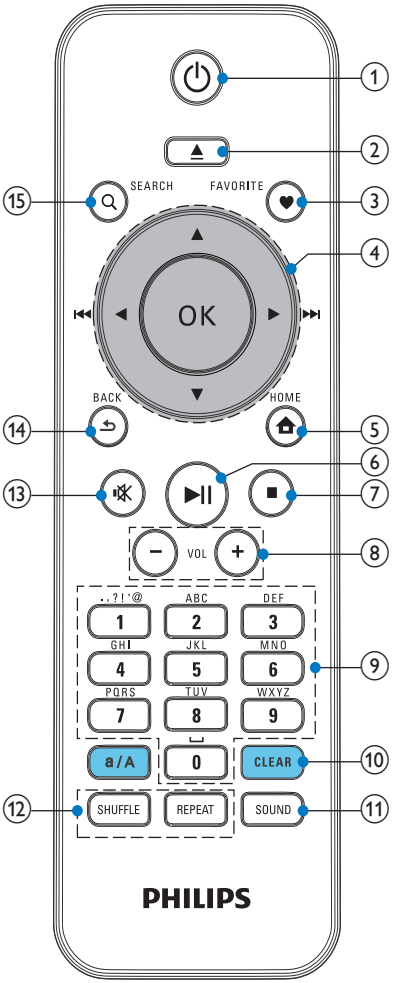
Remote control



1.	⏻
	Press to turn on the unit; To turn off, press to switch to active standby; or, press and hold to switch to Eco standby.
	Exit Demo mode.
2.	▲
	Open or close the disc compartment.
3.	**FAVORITE**
	In **[Internet Radio]** mode: Add current station to the list of Favorite Stations. In **[FM radio]** mode: On the play screen, press to add current station to **[Presets]**.
4.	▲/▼/◀(⏮)/▶(⏭)
	Navigation buttons Press to navigate through menus.
	▲/▼
	In **DISC** mode: Select an album (for MP3/WMA CDs).
	◀(⏮)/ ▶(⏭)
	Search buttons on the play screen In **[Media Library]**/**[USB]**/**DISC** mode: Press to skip to the previous/ next track. In **[FM radio]** mode: Press and hold to start searching for the next available station; Press repeatedly for fine tuning.
	OK
	Confirm selection.
5.	⌂
	HOME: Return to Home screen (main menu).
6.	▶II
	Start/pause/resume play.
7.	■
	Stop play; In **DISC** mode: Erase a program.
8.	+VOL−
	Increase/decrease the volume
9.	**Alphanumeric buttons**
	For text entry
10.	**CLEAR**
	Press to delete the previous entry; Press and hold to delete all entries.
	a/A

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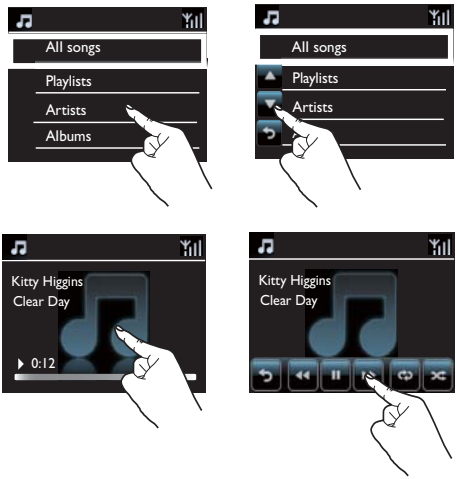
	Press to switch between lower and upper cases; In **FM RADIO** mode, press in the list of presets to start editing station name.
11.	**SOUND**
	Select sound settings.
12.	**REPEAT**
	Toggle through repeat play options.
	SHUFFLE
	Activate/deactivate random order play.
13.	
	Mute/ unmute sound.
14.	
	BACK: Go back to previous screen.

Touch screen

MCi298 is equipped with a touch screen.

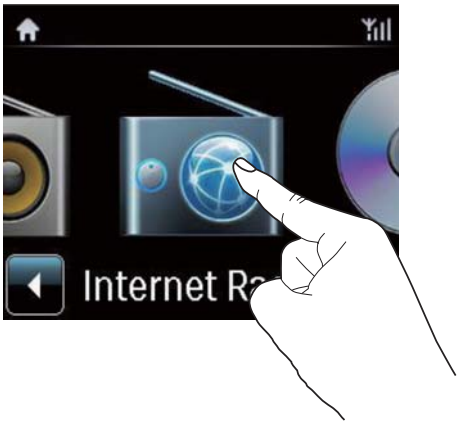


- If necessary, tap on the screen to show functional buttons;
- Tap on the buttons to select corresponding functions;
- Tap on an option to select.

Home screen

On **MCi298**, you enter Home screen after the first-time setup is complete.

To select a music source, or enterthe[Settings]menu



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- On Home screen, tap on ◀/▶ to navigate through icons. Tap on the corresponding icon to select.

- Or, press ◀/▶/OK on the remote control to select the desired source.

To go back to previous screen

- Press ⮌BACK.

To return to Home screen

- Press ⌂HOME.

Text entry on the remote control

To enter text and symbols, press corresponding alphanumeric buttons on the remote control.

- To enter letters/numbers/symbols corresponding to the same alphanumeric button, briefly and repeatedly press the button.

English	abc…	ABC…
1	1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|} ~	1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|} ~
2	abc2	ABC2
3	def3	DEF3
4	ghi4	GHI4
5	jkl5	JKL5
6	mno6	MNO6
7	pqrs7	PQRS7
8	tuv8	TUV8
9	wxyz9	WXYZ9
0	␣0	␣0

- To enter symbols, press 1 repeatedly.
- To enter space, press 0.
- To switch between lower and upper cases, press a/A.
- To delete previous character, press CLEAR.
  To delete all entries, press and hold CLEAR.

Tip

- For languages other than English, letters that an alphanumeric button corresponds to may vary.

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Русский	
абв…	АБВ…
1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|} ~	1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|}~
абвг2abc	АБВГ2ABC
дежз3def	ДЕЖЗ3DEF
ийкл4ghi	ИЙКЛ4GHI
мноп5jkl	МНОП5JKL
рсту6mno	РСТУ6MNO
фхцч7pqrs	ФХЦЧ7PQRS
шщъы8tuv	ШЩЪЫ8TUV
ьэюя9wxyz	ЬЭЮЯ9WXYZ
␣0	␣0

Other Languages	
abc…	ABC…
1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|}~	1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|}~
abc2àáâãäåæ	ABC2ÀÁÂÃÄÅÆ
def3èéêë	DEF3ÈÉÊË
ghi4ìíîï	GHI4ÌÍÎÏ
jkl5	JKL5
mno6ñòóôõöø	MNO6ÑÒÓÔÕÖØ
pqrs7ß	PQRS7ß
tuv8ùúûü	TUV8ÙÚÛÜ
wxyz9	WXYZ9
␣0	␣0

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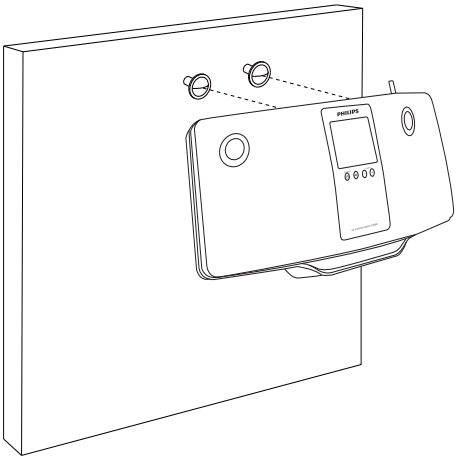
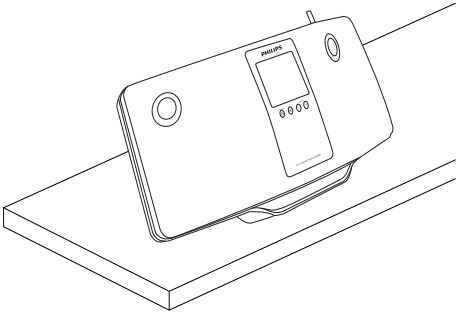
3 Prepare

Place the unit

You can mount **MCi298** on a wall, or put **MCi298** on a surface.





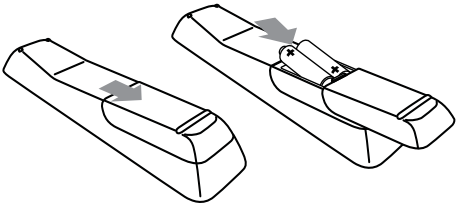
To mount the unit on a wall, see the included separate sheet of wall mounting instructions.

Install batteries into the remote control

Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
- Risk of decreased battery life! Never mix different brands or types of batteries.
- Risk of product damage! When the remote control is not used for long periods, remove the batteries.

1. Open the battery compartment.
2. Insert 2 AAA R03 batteries with correct polarity (+/-) as indicated.
3. Close the battery compartment.



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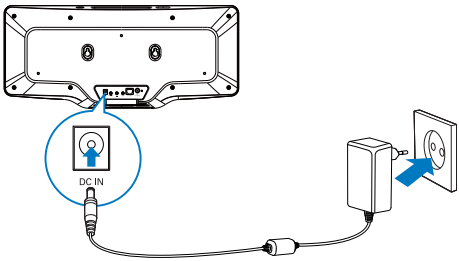
4 Turn on/off

Connect power supply

Warning

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the product.



- Connect **MCi298** to the power supply.

Note

- The type plate information is located at the back or at the underside of the product.

Turn on/off

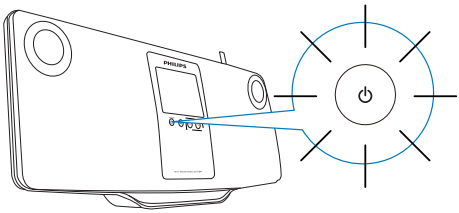
1 Press ⏻ to turn on the unit.

2 To turn off the unit,
   - Press ⏻ to switch to active standby;
   - Or, press and hold ⏻ to switch to Eco standby (energy-saving mode).

Active standby

When in active standby, some major functions of **MCi298** remain in the normal state of power consumption, e.g. Wi-Fi connection, clock display. Thus, **MCi298** can quickly go to the running state when you switch **MCi298** from active standby to on.
In active standby,

- The power indicator lights up red;
- Clock time is displayed if you have set clock.



And, the unit is still connected to the Wi-Fi/ wired network.

Auto active standby

If no activity happens on **MCi298** for 10 minutes, **MCi298** can switch to active standby automatically.

Eco standby

Eco standby is an energy-saving mode. In Eco standby, all major functions are switched to a low-power state or off, e.g. micro-processor, Wi-Fi connection, and display.

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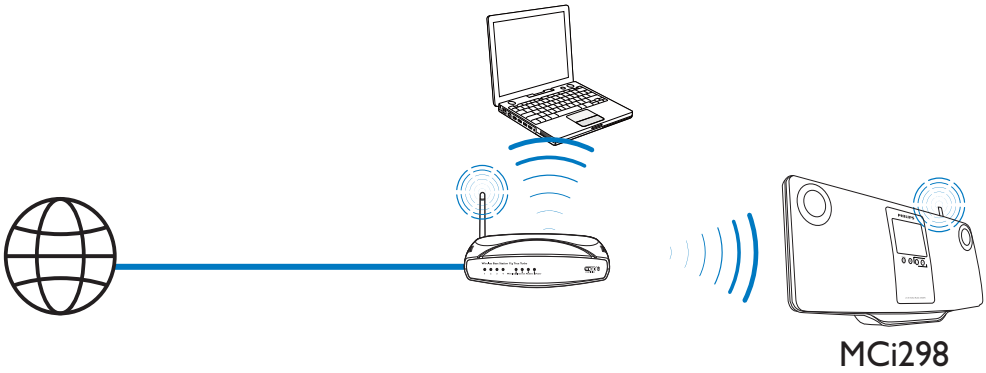
5 First-time setup

The first time you turn on MCi298,

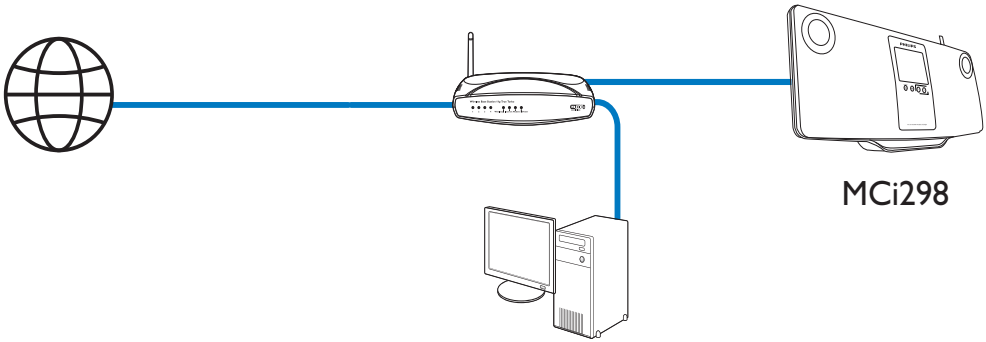
1. Select the desired language on the screen as prompted.
2. Select your location and time zone from the list as prompted.
3. Select **[Yes]**, when asked whether to set up network connection.

Connect to home network

Connect wirelessly



Connect through an Ethernet cable



You can connect **MCi298** to home network in different ways, wireless or wired.

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- Use a router (or Access Point) for home network. That is, connect computers/ devices to a router.
- Connect **MCi298** to the router wirelessly or through an Ethernet cable.
- To have the unit connected to the Internet over home network, ensure that the router connects to the Internet directly and no dial-up is required on the computer.
- To switch between different connection methods, or switch between different routers, go to **[Settings]** > **[Network settings]** > **[Setup network]**.

Wireless connection: One-touch Wi-Fi Protected Setup (WPS)

MCi298 supports Wi-Fi Protected Setup(WPS). You can quickly and securely connect **MCi298** to a wireless router that also supports the WPS.
You can select one of the two setup methods: PBC (Push Button Configuration), or PIN (Personal Identification Number).

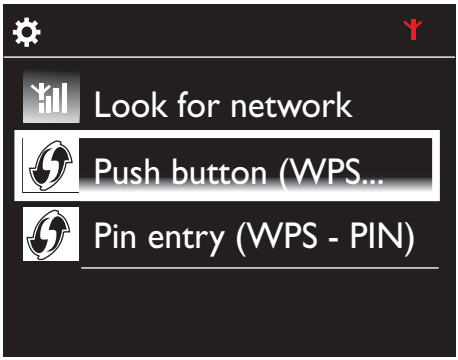
Tip

- Wi-Fi Protected Setup(WPS) is a standard created by Wi-Fi Alliance for easy establishment of secure wireless home network.

Turn on WPS-PBC on MCi298

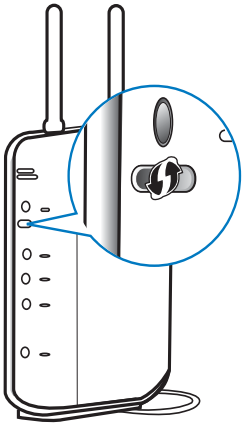
1 Select **[Yes]**, when asked whether to set up network connection (see 'First-time setup' on page 17).

2 Select **[Wireless (WiFi)]** > **[Push button (WPS – PBC)]**.



Add MCi298on the router

- Consult the user manual of the router to learn how to add a WPS device to the router. For example:
  press and hold the WPS push button.
  - ↳ The router starts to search for a WPS device.
  - ↳ On MCi298, a message appears when the connection is completed successfully.



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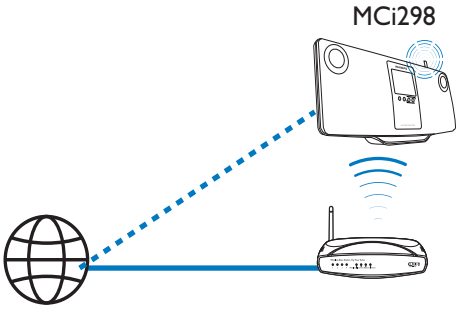
Tip

- To use PIN (Personal Identification Number) as the setup method: On **MCi298**, select **[Wireless (WiFi)]** > **[Pin entry (WPS – PIN)]**, and write down the PIN that is displayed on **MCi298**; On the router, enter the PIN.
- Consult the user manual of the router to learn how to enter the PIN the router.

Connect to the Internet

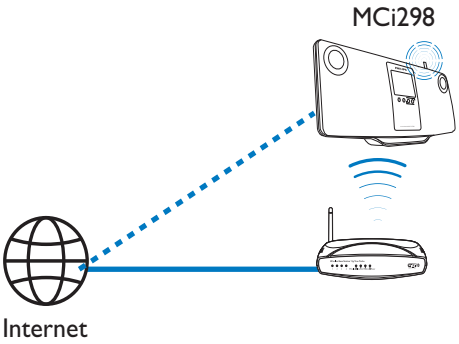
- Connect to the Internet as prompted.
  - ↳ You enter Home screen after the first-time setup is complete.



Tip

- Ensure that the router connects to the Internet directly and no dial-up is required on the computer.

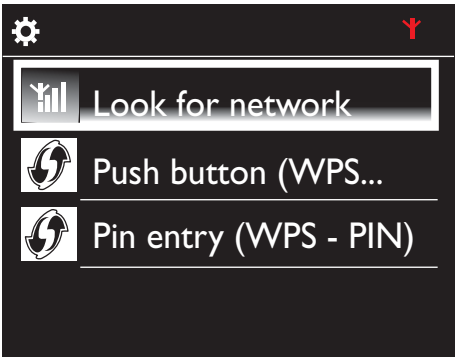
Wireless connection: Enter encryption key manually



Tip

- Before you start the network setup, have the encryption key to your router ready.

1. Select **[Yes]**, when asked whether to set up network connection (see 'First-time setup' on page 17).
2. Select **[Wireless (WiFi)]** > **[Look for network]**.
   - ↳ The unit starts to search for wireless networks.
   - ↳ A list of available Wi-Fi networks appears.



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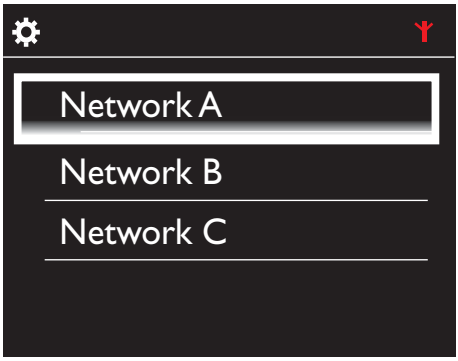
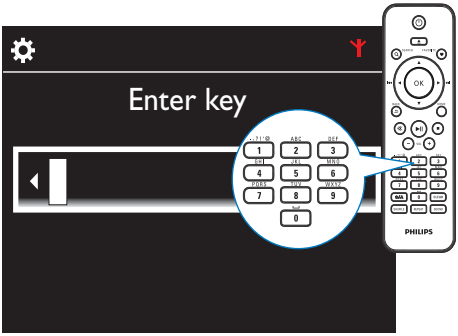


3 Select the desired Wi-Fi network.

4 As prompted, enter the encryption key to the network.

↳ The unit starts to acquire an IP address assigned by the Wi-Fi network automatically.

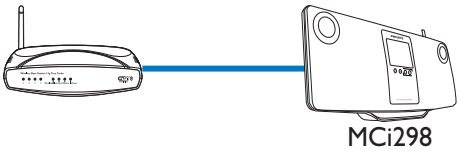
↳ A message appears when the connection is completed successfully.



Note

- The router may fail to assign an IP address, if the DHCP (Dynamic Host Configuration Protocol) is unavailable or disabled on the router.

Wired connection



Connect to the router by using the Ethernet cable

1 Select **[Yes]**, when asked whether to set up network connection (see 'First-time setup' on page 17).

2 Use an Ethernet cable to connect the unit to the router.

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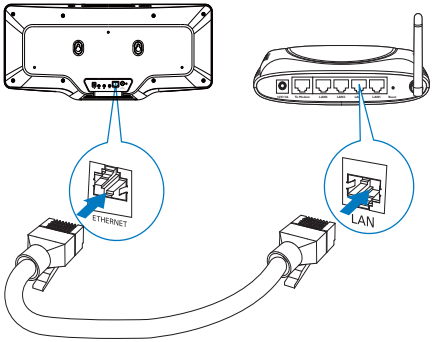
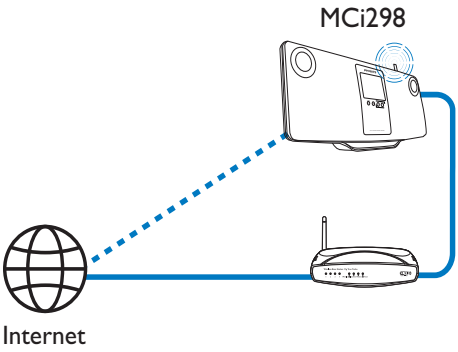
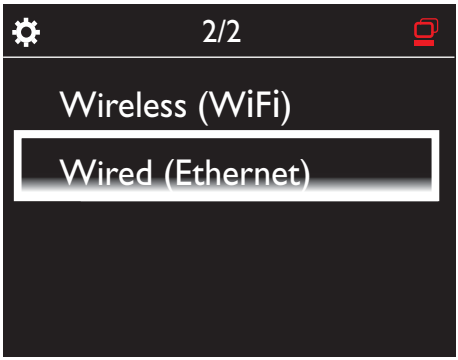




Connect to the home network

- On the unit, select **[Wired (Ethernet)]**.
  - ↳ The unit starts to acquire an IP address assigned by the network automatically.
  - ↳ A message appears when the connection is completed successfully.



Tip

- The router may fail to assign an IP address, if the DHCP (Dynamic Host Configuration Protocol) is unavailable or disabled on the router.

Connect to the Internet

- Connect to the Internet as prompted.
  - ↳ You enter Home screen after the first-time setup is complete.

Tip

- Ensure that the router connects to the Internet directly and no dial-up is required on the computer.

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6 Play from home Wi-Fi/wired network

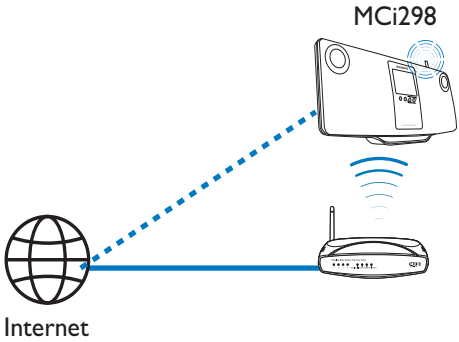
Play Internet radio stations

To play Internet radio stations, ensure that

- **MCi298** is connected to the Internet over the home network.

Tip

- Ensure that the router connects to the Internet directly and no dial-up is required on the computer.



Tune to Internet radio stations

1. Ensure that MCi298 is connected to the Internet.
2. On MCi298, tap **[Internet Radio]** on Home screen.
   - Or, on Home screen, press ◀ /▶ and **OK** on the remote control.
3. Select the desired station to start play.

Tip

- By default, preset stations are pre-loaded to MCi298 according to the location that you select during the first-time setup. To check or change the location, go to **[Settings]** > **[Location and time zone]**.

Store preset stations

On **MCi298**, you can store up to 10 preset stations. Each preset station corresponds to a numeric button on the remote control. On the radio play screen, press a numeric button, you quickly switch to the corresponding preset station.
By default, preset stations are pre-loaded to **MCi298** according to the location that you select during the first-time setup. To check or change the location, go to **[Settings]** > **[Location and time zone]**.

To store preset station

1. Play the desired station.
2. On the play screen, press and hold the desired numeric button (0-9).
   ↳ A message appears, indicating that the station is added to the corresponding location.
   ↳ The new preset replaces the old one if the location has been filled.

To play a preset station

- Go to **[Internet Radio]** > **[Presets]**.
- Or, on the radio play screen, press the corresponding numeric button (0-9).

Edit favorite stations

On MCi298, you can mark an Internet radio station as favorite. All the stations are added to **[Internet Radio]** > **[Favorite stations]**. In this way, you can quickly access your favorite stations.

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To add a station to [Favorite stations]

- On a list of stations, select the desired station. Press **FAVORITE** on the remote control.
- Or, play the desired station. On the play screen, press **FAVORITE** on the remote control.
  - ↳ A message appears, indicating that the station is added to **[Favorite stations]**.

To remove a station from [Favorite stations]

- Select the station in the list of stations; or, go to the play screen of the station. Press **FAVORITE** again.

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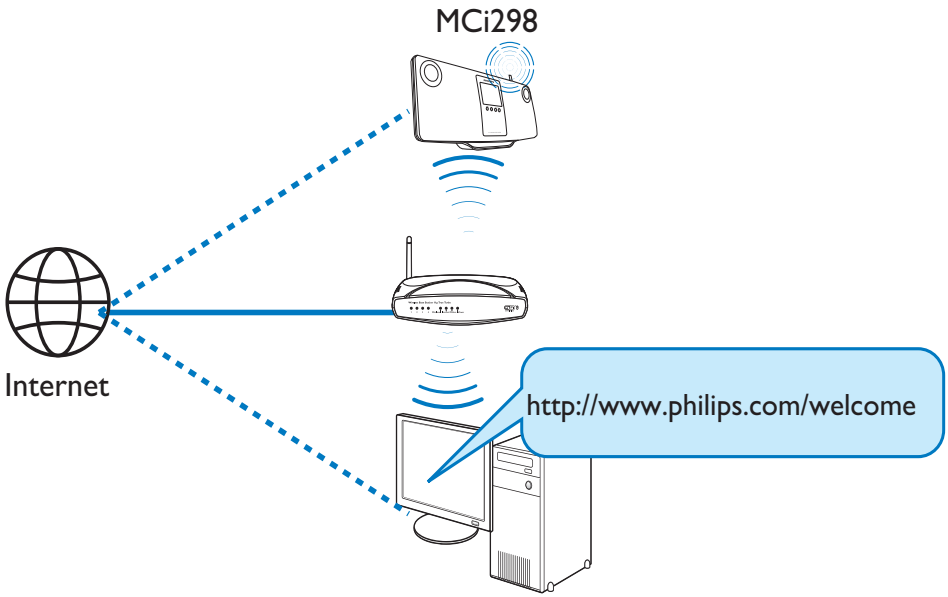
Manage Internet radio online



By registering MCi298 on www.philips.com/welcome (see 'Register MCi298 with Philips' on page 39), you can log in to Club Philips. On Club Philips, you can do the following to manage the Internet Radio on a computer:

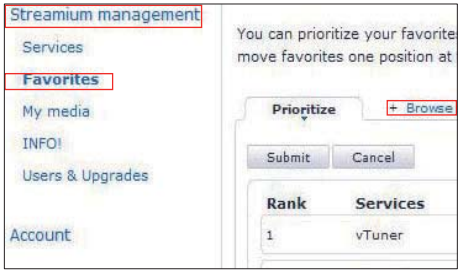
- Edit favorite stations;
- Manually add stations that you are unable to find on MCi298.

Edit favorite stations online

Through Club Philips, you can manage the list of favorite stations on a computer. When connecting MCi298 to the Internet, you update the favorite stations on MCi298.

1 On a computer, log in to Club Philips (see 'Register MCi298 with Philips' on page 39).

2 To mark/unmark stations as favorite:
   - Click [Streamium management] > [Favorites] > [Browse];



   - In [Browse], find the desired stations;

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- Under [Favorite], check the box corresponding to the station.
  ↳ The station is marked as favorite.
- To unmark, uncheck the box corresponding to a station.

3 To change the order of favorite stations in the list:
- Click [Prioritize];
- Click on the row of the station to be moved;
- Drag and drop the row upward or downward.

↳ On MCi298, you can find the stations in the desired order under **[Internet Radio]** > **[Favorite stations]**, if you have connected MCi298 to the Internet.

Tip

- In the list of favorite stations, to put a favorite station ahead of the first one, make the station just behind the first one; drag and drop the first station downward.
- To put a station behind the last one, make the station just ahead of the last one; drag and drop the last station upward.

Manually add stations online

Manually add stations

Through Club Philips, you can manually add Internet radio stations to MCi298 on a computer.

1 On a computer, log in to Club Philips (see 'Register MCi298 with Philips' on page 39).

2 To add a station, click [Streamium management] > [My media] > [Music].

3 In [Music], enter station information in the text boxes:
- In [URL], fill in the web site of the station;
- In [Nickname], fill in a name that appears as station name in [My media];
- In [Description], fill in one-word description about the station, e.g. music, sports, new.
  The description is used as a category to sort stations under [My media].

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4 Click [Save].
↳ A station is manually added the below the edit boxes.

To edit an added station

- As shown, click the station.
  ↳ The text boxes are filled, showing the information about the station.
- Click on the text boxes to edit the information.

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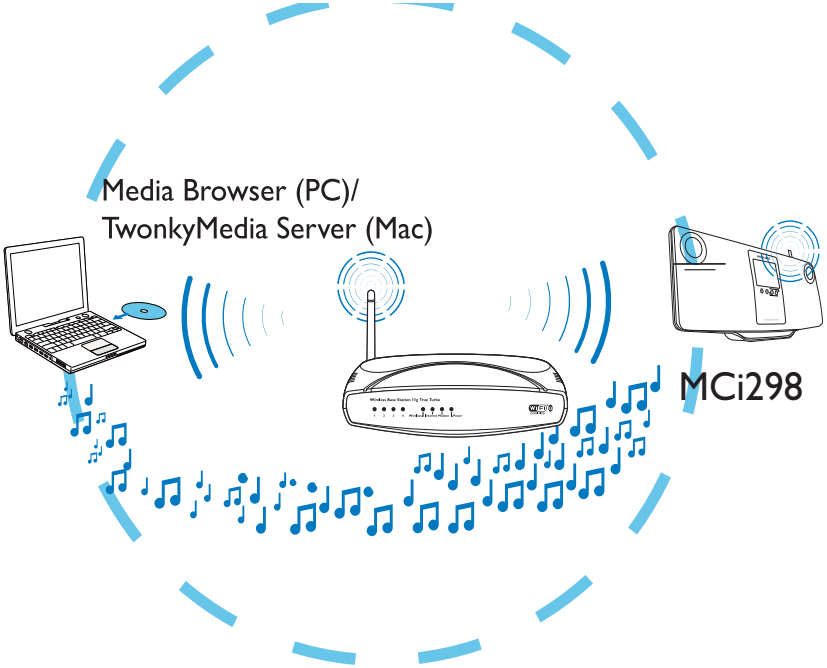
Stream from a UPnP server



You can stream music from computers or Network-attached storage(NAS) to **MCi298**, when

- **MCi298** is connected to home network;
- Music sharing is set up on the computers that are also connected to the home network, if you want to stream music from the computers;
- The NAS is connected to the home network and can work as *UPnP media server, if you want to stream music from the NAS.

With the music sharing software (the supplied **Media Browser** and **TwonkyMedia Server**), such computers can work as UPnP media servers (music libraries) of **MCi298**, if they are turned on.

Through the UPnP (Universal Plug and Play) protocols, a UPnP media server allows music files to be streamed from the server to a UPnP client device (e.g. MCi298). On the UPnP client device, you can play the music from the server.

Note

- *Consult the user manual of the NAS to learn if the capability of UPnP media server is available in the NAS.

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On computers: Set up music sharing

Media Browser (PC)/
TwonkyMedia Server (Mac)

1 On the computer, insert the supplied software CD.

2 Install the software by following screen instructions.
- **Media Browser** (on a PC)
- **TwonkyMedia Server** (on a MAC)
  - ↳ Now, the computer can work as a music server. You can stream music from the computer to a UPnP device on the home Wi-Fi/ wired network.

Library on the computer or NAS

Library on the computer

On the computers, the supplied software **Media Browser** or **TwonkyMedia Server** can access music libraries that are organized by different media management software, including **Windows Media Player 11** and **iTunes**.
iTunes is the a trademark of Apple Inc., registered in the U.S. and other countries.

Library on the NAS

Consult the user manual of the NAS to learn:
- if the capability of UPnP media server is available on the NAS;
- how to manage music on the NAS by using such UPnP media server software.

Stream from the computer or NAS

On MCi298, play music libraries that are streamed from a UPnP server (a computer on the home network).

1 Ensure that the UPnP server is connected to the home network.

2 On MCi298, tap **[Media Library]** on Home screen.
- Or, on Home screen, press ◀/▶ and **OK** on the remote control.

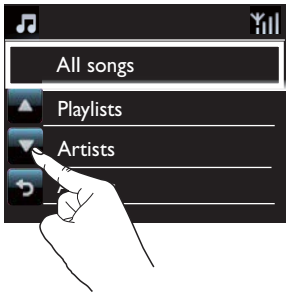
3 Select a music library.
  - ↳ You can see the categories by which the music are sorted (e.g. Artist, Album, Genre).

4 Select your desired track or album.

5 Press ▶II to start play.
- Play starts from the beginning of the album, if you press ▶II on an album.
  - ↳ Play screen appears when play starts.

6 To stop play, press ■.

Use the touch screen to select options



On the list of options,
- Tap on the screen to show functional buttons;

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- Select options by tapping on corresponding buttons:
  ▲: Tap to scroll upward;
  ▼: Tap to scroll downward;
  ⮌: Tap to go back to previous screen.
- Tap on an option to select.

Use the touch screen during music play

On the music play screen,

- Tap on the screen to show functional buttons;
- Select play options by tapping on corresponding buttons:

⏯: Tap to pause or play current song;
⏪/⏩: Tap for fast forwarding/rewinding within current song;
🔁: Tap to play all songs in current folder repeatedly;
🔀: Tap to play all songs in current folder randomly.
⮌: Tap to return to the previous screen.

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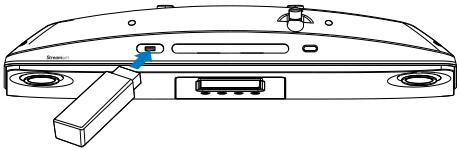
7 Play from a USB mass storage device

Connect a USB mass storage device

On **MCi298**, you can play music stored on a USB mass storage device. To do so, do the following:

- Connect the USB mass storage device to the ⇠ socket on **MCi298**;
- Tap on **[USB]** on the Home screen of **MCi298**.



Play from the USB mass storage device

1 On MCi298, ensure that the USB mass storage device is properly connected.

2 On Home screen, tap on **[USB]**.
- Or, on Home screen, press ◀/▶ and **OK** on remote control.
  - ↳ The file sorting process may take some time. During file sorting, the file folders are displayed.
  - ↳ Audio files are displayed under different categories (e.g. Artist, Album, Genre), if meta/ID3 tags are edited for the files.

3 Select your desired track or album.

4 To start play, press ▶II.
- Play starts from the beginning of the album, if you press ▶II on an album.
  - ↳ Play screen appears when play starts.

5 To stop play, press ■.

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8 Play music CDs

Caution

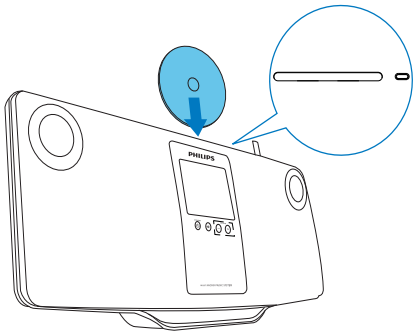
- Never look at the laser beam inside the unit.
- Risk of product damage! Never play discs with accessories such as disc stabilizer rings or disc treatment sheets.
- Never put any objects other than discs into the disc compartment.

Note

- For the supported disc formats, see Introduction (see 'Introduction' on page 8).

Basic operations

1 As shown, slot in a disc.
- If necessary, press ▲ to remove a disc first.
- If necessary, tap on **[Disc]** on Home screen.
  ↳ List of tracks or file folders appears after disc reading is complete.

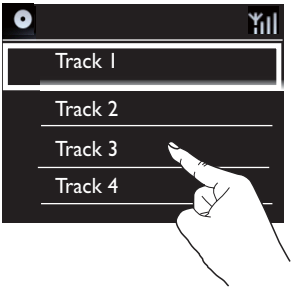


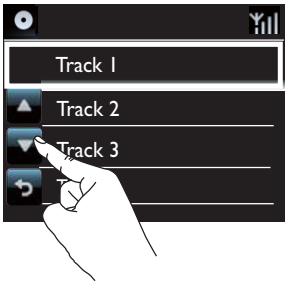
2 Press ▶II to start play.

3 During disc play,
- Press ⏮/⏭ repeatedly to select a track. For WMA/MP3 files on a CD-R/RW, press ▲/▼ to select a file folder.
- Press ⏮/⏭ to search forward/ backward.
- Press ▶II to pause or resume.
- Press ■ to stop.

Use the touch screen

Use the touch screen to select options





On the list of options,
- Tap on the screen to show functional buttons;
- Select options by tapping on corresponding buttons:
  ▲: Tap to scroll upward;
  ▼: Tap to scroll downward;
  ⮌: Tap to go back to previous screen.
- Tap on an option to select.

English

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Use the touch screen during CD play

On the CD play screen,

- Tap on the screen to show functional buttons;
- Select play options by tapping on corresponding buttons:

⏸ / ▶: Tap to pause or play current song;
⏮ / ⏭: Tap to select previous/next song;
🔀: Tap to play all songs in current folder randomly;
🔁: Tap to return to the previous screen.

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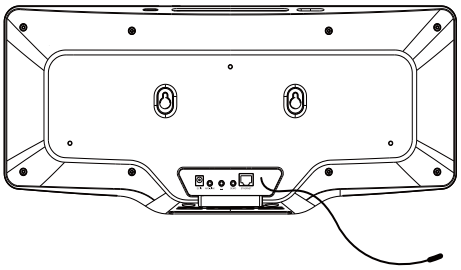
9 Play FM radio

Tune to FM radio stations



Note

- For optimal reception, fully extend and adjust the position of the antenna.

Autostore

1 On MCi298, tap **[FM radio]** on Home screen.
   - Or, on Home screen, press ◀/▶ and **OK** on the remote control.

2 In **[FM radio]**, select **[Auto store]**.
   ↳ MCi298 starts to search for available stations automatically.
   ↳ Radio play starts and a maximum of 20 stations are stored as presets when the auto tune is complete.
   ↳ The preset stations are listed in the order of reception strength.

3 To select a preset station, go to **[Presets]**.

Manual tuning

1 In **[FM radio]**, select **[Manual tuning]**.

2 Press and hold ◀/ ▶ to start auto tuning.
   ↳ You tune to the next available station with sufficient reception.

3 Press ◀/ ▶ repeatedly for fine tuning.

Edit preset stations

Edit station information

1 In the **FM RADIO** mode, press **FAVORITE** on the radio play screen.

2 In the list of preset stations,
   - Select the station to be edited;
   - Press **a/A** to start editing;
   - Press ◀/▶ to select the entry location; press ▲/▼ repeatedly to select desired letters.

3 Press **OK** to confirm. Press **BACK** to discard the changes.

Listen to FM radio

1 On MCi298,tap **[FM radio]** on Home screen.

2 Tune to your desired station (see 'Tune to FM radio stations' on page 33).
   - **To select a preset station:** press **FAVORITE** during radio play.

3 To mute/unmute the radio play
   - Press 🔇.

RDS (Radio Data System)

RDS (Radio Data System) is a service that allows FM stations to show additional information.
When tuning to an RDS station, you can see the following information on the screen:
   - Station name;
   - Scrolling text (RDS text), if available.

English

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10 Play from an external audio device

MCi298 allows you to play an external audio device (e.g. a portable media player, another audio system) through the speakers of MCi298.

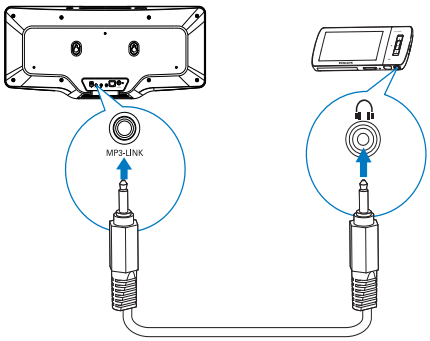
Connect external audio devices

You can listen to an external audio device through the speakers on **MCi298**. To do so, do the following connections, and then, select the **[MP3 link]** mode on **MCi298**.

To play from a portable media player with 3.5mm headphone jack

Connect a headphone-to-headphone cable (not supplied) to:

- the **MP3-LINK** socket on this unit, and
- the 3.5mm headphone jack on the portable media player.



Play from an external audio device

1. Ensure that the external audio device is properly connected to MCi298.
2. On MCi298, select the **[MP3 link]** mode.
   - On Home screen, tap **[MP3 link]**.
3. On the external audio device, start music play.
   - For the music play, you can use the sound settings on MCi298 (see 'Sound settings' on page 35).

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11 Settings

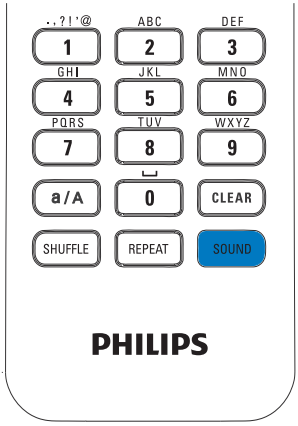
Sound settings

On MCi298, you can select different sound settings in **[Settings]** > **[Sound settings]**.

1 From Home screen, go to **[Settings]** > **[Sound settings]**.

2 Select the option. Press **OK** to turn it on or off.
- Or, tap on the check box to select/ deselect.

Or,
On the remote control, press **SOUND** to enter the menu of sound settings.



Dynamic Bass Boost

[Dynamic Bass Boost] electronically enhances the low tones.
Turn on or off **[Dynamic Bass Boost]** in **[Settings]** > **[Sound settings]**.

Equalizer

[Equalizer] provides predefined sound settings for different music styles.

- In **[Settings]** > **[Sound settings]** > **[Equalizer]**, Select the equalizer settings: **[Rock]**, **[Pop]**, **[Jazz]**.

Set the volume from the external audio device

With **[MP3 link volume]**, you can set the volume from a connected portable media player on **MCi298**.
- In **[Settings]** > **[Sound settings]** > **[MP3 link volume]**, select the desired volume level.

Incredible Surround

Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.
- In **[Settings]** > **[Sound settings]** > **[Incredible Surround]**, turn it on or off.

Display settings

Brightness

On MCi298, you can adjust the brightness of the display. As desired, the display lights up, dims or turns off when MCi298 is turned on or switched to active standby.
- In **[Settings]** > **[Display settings]** > **[Brightness when on]** or**[Brightness when standby]**, select an option and press **OK**.

Clock settings

Alarm

Set the alarm

1 Ensure that you have set the clock (see 'Date and time' on page 36).

English

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2 From Home screen, go to **[Settings]** > **[Clock settings]** >**[Alarm]**.

3 To set the alarm time,
- Press and hold ▲ /▼, or press ▲ /▼ repeatedly until you reach the desired digits. Press ◀ / ▶ to select the entry location. Press **OK** to confirm.
- Or, enter the desired digits by pressing the numeric buttons.
  ↳ The alarm icon appears on the screen.

Use the alarm

At the set alarm time, the buzzer sounds.

Note

- The alarm sounds even if you have switched MCi298 to active standby or Eco standby.
- MCi298 is unmuted if it has been muted.
- The alarm sounds in a higher volume if the volume level is lower than minimum.

To snooze the alarm

- Press any button on the unit or the remote control (except for the volume buttons).
  ↳ The alarm sounds again 15 minutes later.The alarm icon remains.

To stop the alarm

- Press and hold or .
  ↳ The alarm is stopped.The alarm icon disappears.
  ↳ The alarm sounds again next day.

To turn off the alarm

- Go to **[Settings]** > **[Clock settings]** > **[Alarm]**. Select **[Alarm off]** and tap on **OK**.

Date and time

The date and time can be set automatically or manually.

Automatic setting

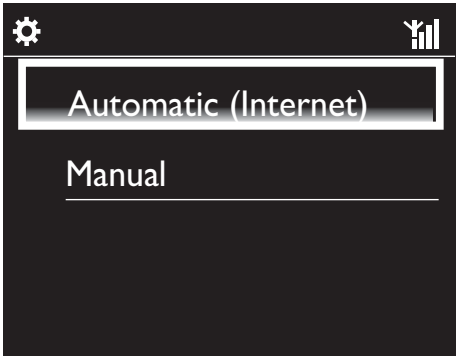
For automatic clock setting, use the online service over the Internet, or use the time signal from FM RDS radio.

Through the online service over the Internet

1 Turn on the unit, if necessary.
- Ensure that the unit is connected to the home network and Internet.

2 From Home screen, select **[Settings]** > **[Clock settings]** > **[Date and time]**.

3 In **[Date and time]**, select **[Current date and time]** > **[Automatic (Internet)]**.
  ↳ The unit starts auto time setting over the Internet.
  ↳ A message appears when the setting is done.



Tip

- According to the location and time zone you select, the unit can have the clock time set and adjusted automatically through the online service over the Internet.
- To check and change current location and time zone, go to **[Settings]** > **[Location and time zone]**.

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Manual setting

1 Turn on the unit, if necessary.
2 From Home screen, select **[Settings]** > **[Clock settings]** >**[Date and time]**.
3 In **[Date and time]**, select **[Current date and time]** > **[Manual]**.
4 To enter date and time,
- Press ◀ or ▶ to select the entry location;
- Enter the desired digits by pressing the numeric buttons;
- Tap on **OK** to confirm.
- You can also press ▲ or ▼ repeatedly, or press and hold ▲ or ▼ until the desired digit appears.

Set date/time format

Select how date and time are displayed in the clock.

1 Follow Step 1-2 under "**Manual setting**".
2 In **[Date and time]**, go to **[Time format]** or **[Date format]** to select options.

Network settings

Setup network

After the first-time setup, you can change how **MCi298** connectsto home network:

- Switch between different connection methods (wireless or wired, automatic or manual);
- Switch between different routers. To do so, do the following:

1 From Home screen, go to **[Settings]** > **[Network settings]** > **[Setup network]**.
2 Connect **MCi298** as you did in the first-time setup (see 'Connect to home network' on page 17).

Location and time zone

After the first-time setup, you can change the selected location and time zone when moving to a new location or time zone.
According to the selected location and time zone, MCi298 can

- Set clock automatically over the Internet (see 'Date and time' on page 36);
- Pre-load preset Internet radio stations automatically.

Language

After the first-time setup, you can change the language selection in **[Settings]** > **[Language]**.

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Device information

From the home screen, go to **[Settings]** > **[Information]**. You can learn about information about MCi298, including model number, name to be shown on a UPnP server/client, product registration ID, software version and network settings.

Check for software upgrades

On MCi298, you can check for software upgrades online.

1 Ensure that the MCi298 is connected to the Internet.

2 From Home screen, go to **[Settings]** > **[Check for software upgrades]** > **[Check Online]**.
   ↳ After you agree to the terms and conditions, the downloading and installation of new upgrades start automatically.

Tip

- The **[Settings]** > **[Check for software upgrades]** > **[Check USB device]** is for the use of Philips service centers.

Restore factory settings

You can restore MCi298 to factory settings. The factory settings are restored and your own settings are cleared, including the settings of network, sound, display, clock, alarm and language.

1 Go to **[Settings]** > **[Restore factory settings]**.

2 As prompted, select **[Yes]**.
   ↳ The unit is turned off.
   ↳ The unit is turned on again automatically when the factory settings are restored.
   ↳ Start the first-time setup.

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12 Register MCi298 with Philips

Benefits

By registering MCi298 on www.philips.com/welcome, you can

- Manage your own favorite radio stations;
- Receive Streamium newsletters.

Note

- Registration of **MCi298** requires a valid email address.

Register MCi298

Use a valid email address as the account when you register MCi298 on www.philips.com/welcome.
You can complete the registration directly on www.philips.com/welcome. Or, use an email address to register on the device, and then, complete the registration through the web site link that you received in the email.

Register on the web site

To register MCi298 directly on www.philips.com/welcome, you need to fill in the following information as prompted during registration:

- A valid email address as the registration account;
- Product model number;
- Product registration ID.

To get the product model number

- Look at the packaging box of the device or the product label. You can always find the model number on the packaging box or product label (e.g. MCi298).

To get the product registration ID

- On MCi298, go to **[Settings]** > **[Information]**. Press ▼ repeatedly to find **[Product Registration ID]**.

Register on the device

Use an email address to register on the device, and then, complete the registration through the web site link that you received in the email.

1. Ensure that MCi298 is connected to the Internet.
2. To register with www.philips.com/welcome,
   - On MCi298, select **[Settings]** > **[User registration]** > **[Register now]** > **[Register on the device]**;
   - As prompted, enter your valid email address.
     ↳ You receive an email message from ConsumerCare@Philips.com.
   - On a computer, use the web site link in the email to complete registration.

Tip

- To log in to Philips online services later, use the web site link in the email, and the password.

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Unregister MCi298

When registering with www.philips.com/welcome, you can only use one account for one unit (e.g. MCi298). For each account, you can maintain a set of favorite stations and manually added stations.
To use another account for registration, you need to unregister current one.

To unregister an account

1 On MCi298, select **[Settings]** > **[User registration]** >**[Unregister]**.

2 As prompted, confirm to start unregistering the account.

Tip

- When re-registering the account, you can recover the Internet radio stations that you maintained with Club Philips.

Check registration information

You can check whether you have registered the MCi298, and what account you have used for registration. To check the information, go to **[Settings]** > **[User registration]** > **[Registration status]**.

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13 Maintenance

This chapter tells you how to care for MCi298.

Cleaning

Note

- Avoid moisture and abrasion.

1 Clean MCi298 only with a soft dry cloth.

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14 Technical data

General

AC Power (AC-DC power adapter)
100V~240V 50Hz/60Hz (for /12, /05 /79)
Dimensions
Main unit: 542.2 x 105.2 x 236.7mm
Weight (net)
3.25kg ± 0.1kg

Power consumption

Active (On)
< 40W (according to IEC60065)
(Active) Standby
< 15W
ECO (Passive) Standby
< 1W

Audio inputs

MP3 link input
1 x 3.5mm jack
Input sensitivity
1.0V
Input impedance
> 10kΩ (Ohms)

Audio outputs

Headphones
1 x 3.5mm jack, 30 – 18000Hz, 16 - 150Ω (Ohms)
Signal to noise ratio (Headphones)
typically 75dBA (IEC)
Distortion (Headphones)
< 0.10%

Audio amplifier (Digital)

Output power
2 x 10W (RMS) (= total power 20W)
Frequency response
50Hz to 18000Hz (±3dB)
Signal to noise ratio
typically 72dBA

Speakers

Power handling
10W (RMS)
Impedance
4Ω (Ohms)
Sensitivity
86dB/ 1m/ W
Dimensions
3 inches
Frequency response
110 to 17000Hz

Sound features

DSC
Yes (Jazz, Rock, Flat, Pop)
Bass/ Treble control
+/ - 6 steps
DBB
Yes (on/ off)
Incredible Sound
Yes (on/ off)

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Wireless

Wireless standard
802.11b/ g
Wireless security
WEP (64 or 128 bit), WPA / WPA2 (8-63 characters)
Frequency range
2412 - 2462 MHz (CH1-CH11) (for /79, /37, /55, /97) 2412 - 2472 MHz (CH1-CH13) (for /12, /05)
Antenna
1 x internal / 1 x external, diversity mode enabled
Wireless protected setup (WPS)
Yes (PBC + PIN)
Network mode support
Infrastructure

Wired (LAN / Ethernet)

Wired standard
802.3 / 802.3 u
Speed
10 / 100MBit/s
Mode
half / full duplex
Crossover detection (Auto MDIX)
Yes

Note

- The wired and wireless network interfaces cannot be turned on at the same time.

Internet services

Internet radio
My Media

Decoding capabilities (excluding the disc player)

MP3
8 - 320kbps (CBR / VBR)
WMA
32 - 192kbps (CBR / VBR)
AAC (M4A)
16 - 320kbps (CBR / VBR)
PCM/ WAV
1x (1.4Mbps)

Playlist support (excluding the disc player)

*.m3u, *.wpl
Yes

FM Tuner

Frequency range
87.50 to 108.00MHz
No. of Presets
20
Signal noise ratio
≥ 50dB
Tuning grid
50kHz
RDS
Yes, no RDS clock setting
Antenna connector
IEC (75 Ohm)

DISC player

Supported discs
CD, CD-R, CD-RW, MP3-CD, WMA-CD
Disc size support
8cm/ 12cm
Audio decoding
MP3: 112 to 320kbps (Sampling rate: 32, 44.1, 48kHz) WMA: 48 to 192kbps (Sampling rate: 44.1, 48kHz)

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USB

USB port type
Type A, Host
Supported media
FAT, FAT-32
Supported class
MSC only (no MTP support)
Multi-partition support
No, only first readable partition
Database support
Up to 1000 songs

Display/Clock

Resolution
320 x 240 dots (QVGA), Color TFT
Size
3.5 inches
Backlight
Can be turned on/ off and can be dimmed
Touch screen
Yes
Clock/ Date display
Yes
Automatic time setting via Internet (NTP)
Yes,
Sleep timer enabled
Yes
Internal (key) clicker
Yes

Others

UPnP
DMP (Local Renderer, Local Controlpoint)
DLNA
Yes
Shared drive
No

Note

- Specifications and external appearance are subject to changes without notice.

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15 Troubleshooting

I cannot hear any sound or the sound is poor, what do I do?

- Press **+ VOL -** to increase the volume.
- Press the **MUTE** button again to reactivate the sound output.

Is there a maximum distance of transmission between a wireless router and MCi298 for effective streaming?

Yes. The maximum distance of Wi-Fi transmission is 250m measured in open spaces. However, in a home environment, where solid obstacles such as walls and doors are present, the effective transmission distance is reduced to 50-100m. Reposition the devices if you experience transmission problems.

I have not received any registration email from ConsumerCare@Philips.com.

- Check that the email address that is entered in the user registration section is valid and spelled correctly.
- Check that the PC has an active Internet connection.
- The Internet server may be busy, try again later.
- Check if the email was redirected to the spam folder.

How do I avoid Wi-Fi interferences from other devices that operate in the same (2.4GHz) frequency spectrum, such as Dect phones or bluetooth devices?

- Move MCi298 at least 3m away from such devices.
- Use a WEP/WPA encryption key when you create the wireless connection your PC / home network.
- Change the operating channel on the interfering devices.
- Turn the devices in different directions to minimize interference.

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